

## ABSTRACT

[Abstract]

[Object]

To provide a method to make a simple and clear distinction between gingivitis and periodontitis.

[Solving Means]

The inventor discovered that  $\gamma$ -GTP ( $\gamma$ -glutamyl transpeptidase) was scarcely contained in the gingival crevicular fluid of patients with gingivitis, but was contained in the gingival crevicular fluid of patients with periodontitis. Thus, the inventor provides a determination method of development of periodontitis by detecting or measuring  $\gamma$ -GTP contained in the gingival crevicular fluid. Also, this method can be applied to the determination of the development of peri-implant inflammation.

[Selective Drawing] Fig. 1